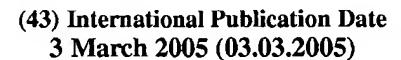
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





PCT



(10) International Publication Number $WO\ 2005/019360\ A1$

(51) International Patent Classification⁷:

C09D 11/00

(21) International Application Number:

PCT/IL2004/000771

- (22) International Filing Date: 24 August 2004 (24.08.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/497,311

25 August 2003 (25.08.2003) US

- (71) Applicants (for all designated States except US): INDUSTRIAL TECHNO-LOGIC SOLUTIONS LTD. [IL/IL]; 17 Atir Yeda Industrial Park, 44643 Kfar Saba (IL). YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MAGDASSI, Shlomo [IL/IL]; 36 Hanerd Street, 96629 Jerusalem (IL). ERON, Gera [IL/IL]; 50 Hasaifon Street, 40600 Tel Mond (IL). VINETSKY, Yelena [IL/IL]; 401/19 Layish Street, 93853 Jerusalem (IL).

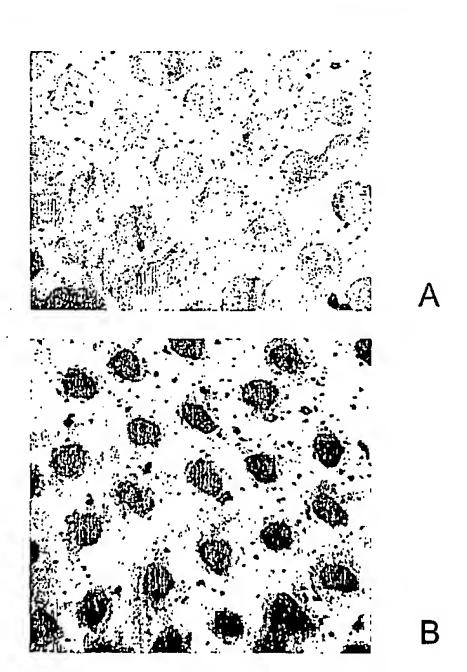
- (74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

[Continued on next page]

(54) Title: INK FOR CERAMIC SURFACES







D

(57) Abstract: The present invention concerns ink for printing on ceramic surfaces such as glass, which contains glass frits for silica nanoparticles and optionally a pigment, and is suitable for ink jet printing.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.